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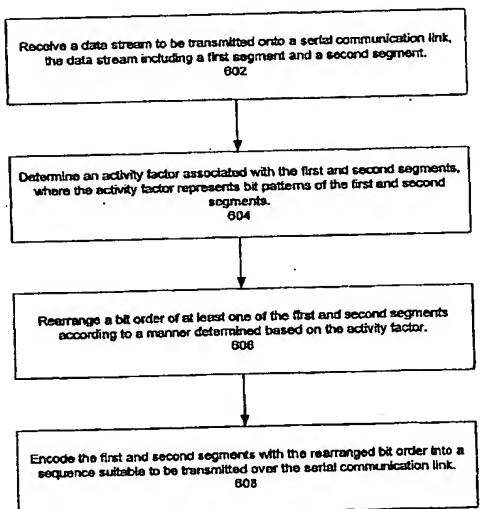
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(57) Abstract: Signal transition feature based coding for serial link is described herein. According to one embodiment, in response to a data stream to be transmitted onto a serial communication link, one or more bits of the data stream are encoded according to a bit order determined based on a frequency of signal transitions of the data stream. As a result, a sequence of encoded data stream having a lower number of bit transitions with respect to the frequency of signal transitions of the data stream prior to the encoding is generated. Thereafter, the encoded data sequence is transmitted onto the serial communication link. Other methods and apparatuses are also described.